

MOMENTUM

DEPARTMENT OF MECHANICAL ENGINEERING

MANGALAM COLLEGE OF ENGINEERING

Dear Colleagues & Students,

I hope this message finds you all in good health and spirits. As we begin a new year, I would like to wish all a Happy New Year. I wanted to take a moment to reflect on our department's accomplishments and express my appreciation for all of your hard work and dedication.

Over the past year, we have made significant progress in our research projects and collaborations with industry partners. Our department has continued to push the boundaries of mechanical engineering, and I am proud of the innovative work that each of you has contributed to these efforts.



Of course, we have also faced challenges along the way, I have been continually impressed by your resilience and adaptability in overcoming these obstacles and maintaining our department's high standards of excellence.

Looking ahead, I am confident that we will continue to thrive and achieve great things as a team.

As we look ahead, I encourage all of you to continue pursuing excellence in your work and striving to make a positive impact in the world. Let us continue to support one another and work together as a team to overcome any challenges that may come our way.

Best regards,

Dr. Nidhish Mathew Nidhiry

VISION

To be a center of excellence in Mechanical Engineering by creating innovative and socially responsible technocrats to meet the global challenges.

MISSION

1. To provide qualitative technical knowledge in the domain of Mechanical Engineering to compete in the global scenario.
2. To nurture socially committed mechanical engineers through value based education.
3. To enhance the research ability of knowledge seekers for the changing needs of society.

Editorial

Dr. Nidhish Mathew Nidhiry
Mr. Hariprasad K S
Anandhu K Prakash
(Assistant Editor)
Karthika S Nair
Adarsh Biju
Bilwin Benny

Department Activities

- Hands-on session on Non-destructive testing by Mr.Cijo Narayanan, NDT Instructor, St. Johns Group of Institutions, Kottayam was conducted on 02/11/2018

Student Activities

- Bhagyaraj S completed internship at FACT on 03/07/2018 to 09/07/2018
- Melvin Mathew, Greeshma S Krishnan, Joel M Jayesh, Leo Mathew, Karthika Nair, Mohammad Athif, Mohammed Niyaz, completed ANSYS course at CAD center on 26/10/2018.
- Revith S Nair, Thomaskutty Thampi, Muhammed Suhail, Vishnu PS, Karthika Nair, Mohammed Athif, Mohammed Niyaz, completed 8 week NPTEL course on Developing soft skills and personality on August to October 2018.
- Prajith Somaraj, Vishnu Vinod completed course on Management for a competitive edge by Open 2 Study on 30/11/2018.
- Leo Mathew completed course on Electric cars introduction by EDX on 28/11/2018.
- Leo Mathew completed course on Electric cars technology on 30/11/2018.
- John Stephen, Lukose Mathew, Nandan KC, Prinu Ickilachan, Rengith Seby, Revith S Nair completed course on Algorithms: Design and analysis by Stanford Online on 16/11/2018.
- Ajith Shankar S, Asvin Sathyapal, Divesh CR, Gokul Mohan Completed Internship at Anugraha Industries on 23/07/2018 to 28/07/2018.
- Vipin Raj B completed internship at State Water Transport Department on 26/07/2018 to 31/07/2018.
- Vishnu V, Thomas Skaria, Vishnu Reghu, Karthika Nair, Mohammed Athif, Sachin S completed internship at KSRTC Alapuzha on 28/07/2018 to 01/08/2018.
- Ajay Kurian Tomy completed internship at MGF Hyundai Vadavathoor at 28/12/2018 to 02/02/2019.
- Kiran Rajendran won First Prize for Long Jump organised by CISAT Muvattupuzha.
- Kiran Rajendran won First Prize for 4x4 Relay at CISAT Muvattupuzha.
- Antony Jaimon won Second Prize for Chess organised by C-ZONE KTU.

PROGRAM EDUCATIONAL OBJECTIVES

Domain knowledge: Graduates will be able to solve the contemporary issues and challenges in mechanical engineering by applying their strong base in Mathematics, Science and Engineering.

Lifelong learning: Graduates shall have a passion to engage in lifelong learning process through self study, continuing education and professional studies in engineering.

Creative skillset: Graduates will become an effective innovator, to address social, technical and business challenges by enhancing their technical competencies, communication skill and team spirit.

PROGRAM SPECIFIC OBJECTIVES

PSO 1: Able to identify, formulate design and analyze the contemporary challenges and engineering problems in the realm of Design, Industrial and Thermal sciences, utilizing latest technology.

PSO 2: Able to provide solutions by incorporating innovative ideas on product design and development to conquer the challenges in core mechanical sectors, business and other related fields.